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Search in SWISS-PROT and TrEMBL for: osteocalcin

SWISS-PROT Release 40.34 of 15-Nov-2002
TrEMBL Release 22.2 of 15-Nov-2002

- Number of sequences found in SWISS-PROT$_{(16)}$ and TrEMBL$_{(5)}$: **21**
- Note that the selected sequences can be saved to a file to be later retrieved; to do so, go to the bottom of this page.
- For more directed searches, you can use the Sequence Retrieval System SRS.

Search in SWISS-PROT: There are matches to 16 out of 119029 entries

OSTC_BOVIN (**P02820**)
    Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein)
    (Bone Gla-protein) (BGP). {GENE: BGLAP} - Bos taurus (Bovine)
OSTC_CANFA (**P81455**)
    Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). {GENE: BGLAP} - Canis familiaris (Dog)

<u>OSTC_CHICK</u> (P02822)

Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). {GENE: BGLAP} - Gallus gallus (Chicken)

<u>OSTC_DRONO</u> (P15504)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). {GENE: BGLAP} - Dromaius novae-hollandiae (Emu)

<u>OSTC_FELCA</u> (P02821)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). {GENE: BGLAP} - Felis silvestris catus (Cat)

<u>OSTC_HORSE</u> (P83005)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone GLA-protein) (BGP). {GENE: BGLAP} - Equus caballus (Horse)

<u>OSTC_HUMAN</u> (P02818)

Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). {GENE: BGLAP} - Homo sapiens (Human)

<u>OSTC_LEPMA</u> (P28317)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). - Lepomis macrochirus (Bluegill)

<u>OSTC_MACFA</u> (P02819)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). {GENE: BGLAP} - Macaca fascicularis (Crab eating macaque) (Cynomolgus monkey)

<u>OSTC_MOUSE</u> (P04641)

Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). {GENE: BGLAP1 AND BGLAP2} - Mus musculus (Mouse)

<u>OSTC_RABIT</u> (P39056)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). {GENE: BGLAP} - Oryctolagus cuniculus (Rabbit)

<u>OSTC_RAT</u> (P04640)

Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). {GENE: BGLAP} - Rattus norvegicus (Rat)

<u>OSTC_SPAAU</u> (P40148)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). - Sparus aurata (Gilthead sea bream)

OSTC_XENLA (P40147)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). - Xenopus laevis (African clawed frog)

OSTC_XIPGL (P02823)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone Gla-protein) (BGP). - Xiphias gladius (Swordfish)

OSTR_MOUSE (P54615)

Osteocalcin-related protein precursor (OC-X) (Nephrocalcin). {GENE: BGLAP-RS1} - Mus musculus (Mouse)

Search in TrEMBL: There are matches to 5 out of 731773 entries

Q62530

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone GLA-protein) (BGP) (Fragment) {GENE:BGLAP1} - Mus spretus (Western wild mouse)

Q8JFA8

Osteocalcin (Bone Gla protein) {GENE:BGP} - Xenopus laevis (African clawed frog)

Q90VW2

Osteocalcin - Sparus aurata (Gilthead sea bream)

Q9PRU0

Osteocalcin (Fragment) - Gallus gallus (Chicken)

Q9TT28

Bone gamma-carboxyglutamate protein osteocalcin (Fragment) {GENE:GLA} - Canis familiaris (Dog)

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[                                    ]
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| New Search |

in SWISS-PROT/TrEMBL by AC, ID, description, gene name, organism
Please do NOT use any boolean operators (and, or, etc.)

If you would like to retrieve all the entries contained in this list , you can enter a file name. These entries will then be saved to a file under this name in the directory outgoing of the ExPASy anonymous ftp server, from where you can download it. (Please note that this temporary file will only be kept for 1 week.)

File name: [   ]

| Reset | or | Create file |

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NiceProt View of TrEMBL: Q9TT28

Printer-friendly view	Quick BlastP search

[General] [Name and origin] [References] [Comments] [Cross-references] [Keywords] [Features] [Sequence] [Tools]

General information about the entry	
Entry name	Q9TT28
Primary accession number	Q9TT28
Secondary accession numbers	None
Entered in TrEMBL in	Release 13, May 2000
Sequence was last modified in	Release 13, May 2000
Annotations were last modified in	Release 23, February 2003
Name and origin of the protein	
Protein name	Bone gamma-carboxyglutamate protein osteocalcin [Fragment]
Synonyms	None
Gene name	GLA
From	Canis familiaris (Dog) [TaxID: 9615]
Taxonomy	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

References

[1] SEQUENCE FROM NUCLEIC ACID.
STRAIN=breed Beagle;
Wezeman F.H., Moskal S.F. II.;
"Canine Osteoblast Gene Expression.";
Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.

Comments

None

Cross-references

EMBL	AF205942; AAF18456.1; -.	[EMBL / GenBank / DDBJ] [CoDingSequence]
InterPro	IPR002384; GLA_bone. IPR000294; VitK_dep_GLA. Graphical view of domain structure.	
Pfam	PF00594; gla; 1.	
PRINTS	PR00002; GLABONE.	
ProtoMap	Q9TT28.	
PRESAGE	Q9TT28.	
ModBase	Q9TT28.	
SWISS-2DPAGE	GET REGION ON 2D PAGE.	

Keywords

None

Features

Key	From	To	Length	Description
NON_TER	1	1		
NON_TER	34	34		

Feature table viewer

Sequence information

Length: **34 AA** [This is the length of the partial sequence]	Molecular weight: **3807 Da** [This is the MW of the partial sequence]	CRC64: **3F323F8D6FDC65D8** [This is a checksum on the sequence]

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         10        20        30
          |         |         |
APVPYPDPLE PKREVCELNP NCDELADHIG FQEA
```

Q9TT28 in FASTA format

View entry in original TrEMBL format
View entry in raw text format (no links)
Request for annotation of this TrEMBL entry

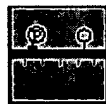Direct BLAST submission at EMBnet-CH/SIB (Switzerland)

Direct BLAST submission at NCBI (Bethesda, USA)

ScanProsite, MotifScan

Tools
Sequence analysis tools: ProtParam, ProtScale, Compute pI/Mw, PeptideMass, PeptideCutter, Dotlet (Java)

Feature table viewer (Java)

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